

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (CURRENTLY AMENDED) A wearable cooler, comprising:
a thermoelectric module provided providable on clothes for absorbing and discharging heat according to an electric current;
at least one first heat sink provided at a first side of the thermoelectric module;
at least one second heat sink provided at an-a second side of the thermoelectric module, the second side being opposite side of the first side heat sink; and
at least one fan provided at an-opposite-the first side of the thermoelectric module for blowing air to the at least one first heat sink, wherein the at least one fan is placed directly above the corresponding at least one first heat sink.
2. (CURRENTLY AMENDED) The wearable cooler of claim 1, wherein the at least one first heat sink is provided at an outside of the clothes.
3. (CURRENTLY AMENDED) The wearable cooler of claim 1, wherein the at least one first fan comprises is an axial flow fan.
4. (CURRENTLY AMENDED) A wearable cooler, comprising:
a thermoelectric module provided providable on clothes for absorbing and discharging heat according to an electric current;
at least one first heat sink provided at a first side of the thermoelectric module;
a-at least one second heat sink provided at a second side of the thermoelectric module, the second side being an-opposite of the first side of the first heat sink on the basis of the thermoelectric module;
at least one first fan provided at an-opposite-the first side of the thermoelectric module for blowing air to the at least one first heat sink, wherein the at least one first fan is directly above on the basis of the corresponding at least one first heat sink; and
an external case surrounding the at least one first heat sink and the at least one first fan, and having at least one air inlet and at least one air outlet.

5. (CURRENTLY AMENDED) The wearable cooler of claim 4, wherein the at least one first heat sink is provided at an outside of the clothes.
6. (CURRENTLY AMENDED) The wearable cooler of claim 4, wherein each of the at least one air inlet is ~~corresponded~~ corresponds to each of the at least one first fan.
7. (CURRENTLY AMENDED) The wearable cooler of claim 4, wherein the at least one air outlet is provided in all directions at the external case.
8. (CURRENTLY AMENDED) The wearable cooler of claim 4, wherein the at least one first fan ~~comprises~~ is an axial flow fan.
9. (CURRENTLY AMENDED) A wearable cooler, comprising:
 - a thermoelectric module ~~provided~~ providable on clothes for absorbing and discharging heat according to an electric current;
 - a first heat sink provided at a first side of the thermoelectric module;
 - ~~a~~ at least one second heat sink provided at a second side of the thermoelectric module, the second side being an opposite of the first side of the first heat sink on the basis of the thermoelectric module;
 - ~~at least one~~ first fan provided at ~~an opposite~~ the first side of the thermoelectric module ~~on the basis of the first heat sink~~ for blowing air to the at least one first heat sink, wherein the at least one first fan is directly above the corresponding at least one first heat sink;
 - ~~at least one~~ second fan provided at ~~an opposite~~ the second side of the thermoelectric module for blowing air to the second heat sink ~~on the basis of the second heat sink~~; and
 - an external case having at least one air inlet and at least one air outlet, and surrounding the at least one first heat sink and the at least one first fan.
10. (CURRENTLY AMENDED) The wearable cooler of claim 9, wherein the at least one first heat sink is provided at an outside of the clothes.

11. (CURRENTLY AMENDED) The wearable cooler of claim 9, wherein each of the at least one air inlet is corresponded corresponds to each of the at least one first fan.
12. (CURRENTLY AMENDED) The wearable cooler of claim 9, wherein the at least one air outlet is adjustable to change the direction of air discharge according to a user need.
13. (CURRENTLY AMENDED) The wearable cooler of claim 9, wherein each of the at least one first fan is an axial flow fan or and the at least one second fan comprises is an axial flow fan or both.
14. (CURRENTLY AMENDED) The wearable cooler of claim 10, wherein the at least one second heat sink comprises includes a space at a skin side opposite to a side of near to the thermoelectric module, for containing the at least one second fan.
15. (CURRENTLY AMENDED) The wearable cooler of claim 14, wherein the at least one second fan comprises is a centrifugal fan.
16. (CURRENTLY AMENDED) The wearable cooler of claim 9, wherein the at least one second heat sink comprises includes a contact guard having an opening being corresponded corresponding to the at least one second fan, the contact guard being placed at the side of the at least one second heat sink an opposite side of to the thermoelectric module.
17. (CURRENTLY AMENDED) The wearable cooler of claim 16, wherein the at least one second heat sink further comprises a projection part on a surface being in contact with the contact guard for maintaining a predetermined distance from the contact guard.

18. (CURRENTLY AMENDED) The wearable cooler of claim 9, wherein the clothes are provided at a skin side ~~on a basis of the~~ at least one second heat sink and the at least one second fan, and at least a portion thereof through which air passes by the at least one second fan ~~comprises~~ includes a gauze.

19. (CURRENTLY AMENDED) The wearable cooler of claim 9, wherein the at least one second heat sink and the external case are provided on a rear side of the clothes.

20. (ORIGINAL) The wearable cooler of claim 9, further comprises an electric current controller for supplying power to the thermoelectric module and controlling the electric current.

21. (NEW) The wearable cooler of claim 1, wherein substantially all of the air blown by the at least one first fan passes through the corresponding at least one first heat sink.

22. (NEW) The wearable cooler of claim 4, wherein substantially all of the air blown by the at least one first fan passes through the corresponding at least one first heat sink.

23. (NEW) The wearable cooler of claim 9, wherein substantially all of the air blown by the at least one first fan passes through the corresponding at least one first heat sink.

24. (NEW) The wearable cooler of claim 9, wherein substantially all of the air blown by the at least one second fan passes through the corresponding at least one second heat sink.

25. (NEW) The wearable cooler of claim 9, wherein the at least one second fan is directly below the corresponding at least one second heat sink.

26. (NEW) The wearable cooler of claim 1, wherein the at least one first heat sink includes a cavity portion and the at least one corresponding first fan is placed within the cavity portion of the at least one first heat sink.

27. (NEW) The wearable cooler of claim 4, wherein the at least one first heat sink includes a cavity portion and the at least one corresponding first fan is placed within the cavity portion of the at least one first heat sink.

28. (NEW) The wearable cooler of claim 9, wherein the at least one first heat sink includes a cavity portion and the at least one corresponding first fan is placed within the cavity portion of the at least one first heat sink.

29. (NEW) The wearable cooler of claim 9, wherein the at least one second heat sink includes a cavity portion and the at least one corresponding second fan is placed within the cavity portion of the at least one second heat sink.